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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/806,194

DATE: 04/04/2001  
TIME: 11:19:20

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4 <110> APPLICANT: Gurney, Mark E.  
5 Bienkowski, Michael J.  
6 Heinrikson, Robert L.  
7 Parodi, Luis A.  
8 Yan, Riqiang  
9 Pharmacia & Upjohn Company  
11 <120> TITLE OF INVENTION: Alzheimer's Disease Secretase  
13 <130> FILE REFERENCE: 6177.PCP  
--> 15 <140> CURRENT APPLICATION NUMBER: US/09/806,194  
--> 16 <141> CURRENT FILING DATE: 2001-03-26  
18 <150> PRIOR APPLICATION NUMBER: 60/101,594  
19 <151> PRIOR FILING DATE: 1998-09-24  
21 <160> NUMBER OF SEQ ID NOS: 58  
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74 20 25 30
76 Leu Arg Val Ala Ala Ala Thr Asn Arg Val Val Ala Pro Thr Pro Gly
77 35 40 45
79 Pro Gly Thr Pro Ala Glu Arg His Ala Asp Gly Leu Ala Leu Ala Leu
80 50 55 60
82 Glu Pro Ala Leu Ala Ser Pro Ala Gly Ala Ala Asn Phe Leu Ala Met
83 65 70 75 80
85 Val Asp Asn Leu Gln Gly Asp Ser Gly Arg Gly Tyr Tyr Leu Glu Met
86 85 90 95
88 Leu Ile Gly Thr Pro Pro Gln Lys Leu Gln Ile Leu Val Asp Thr Gly
89 100 105 110
91 Ser Ser Asn Phe Ala Val Ala Gly Thr Pro His Ser Tyr Ile Asp Thr
92 115 120 125
94 Tyr Phe Asp Thr Glu Arg Ser Ser Thr Tyr Arg Ser Lys Gly Phe Asp
95 130 135 140
97 Val Thr Val Lys Tyr Thr Gln Gly Ser Trp Thr Gly Phe Val Gly Glu
98 145 150 155 160
100 Asp Leu Val Thr Ile Pro Lys Gly Phe Asn Thr Ser Phe Leu Val Asn
101 165 170 175
103 Ile Ala Thr Ile Phe Glu Ser Glu Asn Phe Phe Leu Pro Gly Ile Lys
104 180 185 190
106 Trp Asn Gly Ile Leu Gly Leu Ala Tyr Ala Thr Leu Ala Lys Pro Ser
107 195 200 205
109 Ser Ser Leu Glu Thr Phe Phe Asp Ser Leu Val Thr Gln Ala Asn Ile
110 210 215 220
112 Pro Asn Val Phe Ser Met Gln Met Cys Gly Ala Gly Leu Pro Val Ala
113 225 230 235 240
115 Gly Ser Gly Thr Asn Gly Gly Ser Leu Val Leu Gly Gly Ile Glu Pro
116 245 250 255
118 Ser Leu Tyr Lys Gly Asp Ile Trp Tyr Thr Pro Ile Lys Glu Glu Trp
119 260 265 270
121 Tyr Tyr Gln Ile Glu Ile Leu Lys Leu Glu Ile Gly Gly Gln Ser Leu
122 275 280 285
124 Asn Leu Asp Cys Arg Glu Tyr Asn Ala Asp Lys Ala Ile Val Asp Ser
125 290 295 300
127 Gly Thr Thr Leu Leu Arg Leu Pro Gln Lys Val Phe Asp Ala Val Val
128 305 310 315 320
130 Glu Ala Val Ala Arg Ala Ser Leu Ile Pro Glu Phe Ser Asp Gly Phe

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139 Arg Ser Phe Arg Ile Thr Ile Leu Pro Gln Leu Tyr Ile Gln Pro Met
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143 385          390          395          400
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146          405          410          415
148 Val Ile Phe Asp Arg Ala Gln Lys Arg Val Gly Phe Ala Ala Ser Pro
149          420          425          430
151 Cys Ala Glu Ile Ala Gly Ala Ala Val Ser Glu Ile Ser Gly Pro Phe
152          435          440          445
154 Ser Thr Glu Asp Val Ala Ser Asn Cys Val Pro Ala Gln Ser Leu Ser
155          450          455          460
157 Glu Pro Ile Leu Trp Ile Val Ser Tyr Ala Leu Met Ser Val Cys Gly
158 465          470          475          480
160 Ala Ile Leu Leu Val Leu Ile Val Leu Leu Leu Leu Pro Phe Arg Cys
161          485          490          495
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178 ctgcggctgc cccgggagac cgacgaagag cccgaggagc ccggccggag gggcagcttt 180
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197 catgtgcacg atgagttcag gacggcagcg gtggaaggcc cttttgtcac cttggacatg 1320
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225 35 40 45
227 Glu Glu Pro Glu Glu Pro Gly Arg Arg Gly Ser Phe Val Glu Met Val
228 50 55 60
230 Asp Asn Leu Arg Gly Lys Ser Gly Gln Gly Tyr Tyr Val Glu Met Thr
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233 Val Gly Ser Pro Pro Gln Thr Leu Asn Ile Leu Val Asp Thr Gly Ser
234 85 90 95
236 Ser Asn Phe Ala Val Gly Ala Ala Pro His Pro Phe Leu His Arg Tyr
237 100 105 110
239 Tyr Gln Arg Gln Leu Ser Ser Thr Tyr Arg Asp Leu Arg Lys Gly Val
240 115 120 125
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243 130 135 140
245 Leu Val Ser Ile Pro His Gly Pro Asn Val Thr Val Arg Ala Asn Ile
246 145 150 155 160
248 Ala Ala Ile Thr Glu Ser Asp Lys Phe Phe Ile Asn Gly Ser Asn Trp
249 165 170 175
251 Glu Gly Ile Leu Gly Leu Ala Tyr Ala Glu Ile Ala Arg Pro Asp Asp
252 180 185 190
254 Ser Leu Glu Pro Phe Phe Asp Ser Leu Val Lys Gln Thr His Val Pro
255 195 200 205
257 Asn Leu Phe Ser Leu His Leu Cys Gly Ala Gly Phe Pro Leu Asn Gln
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267 260 265 270
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270 275 280 285
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279 325 330 335
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282 340 345 350
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285 355 360 365
287 Pro Val Glu Asp Val Ala Thr Ser Gln Asp Asp Cys Tyr Lys Phe Ala
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291 385 390 395 400
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**VERIFICATION SUMMARY**

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DATE: 04/04/2001

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Input Set : A:\6177.txt

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:271 C: Current Filing Date differs, Replaced Current Filing Date

04042001 11:19:21